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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/620,235	07/15/2003	Mark Dronge	126,1001	8521
22846	7590	06/28/2004	EXAMINER	
BRIAN ROFFE, ESQ 11 SUNRISE PLAZA, SUITE 303 VALLEY STREAM, NY 11580-6170			LOCKETT, KIMBERLY R	
			ART UNIT	PAPER NUMBER
			2837	

DATE MAILED: 06/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Applicati n N .

10/620,235

Applicant(s)

DRONGE, MARK

Examin r

Kim R. Lockett

Art Unit

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-- The MAILING DATE of this c mmunication appears on the cover she t with th correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6 is/are allowed.
- 6) ☒ Claim(s) 7-9, 12-14, and 17 is/are rejected.
- 7) ☒ Claim(s) 10, 11, 15 and 16 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 7 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In reference to the phrase “the step of packing the strings in a common house for sale”, it has been held that a recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claimed apparatus from a prior art apparatus satisfying the claimed structural limitations and therefor is not a patentable limitation. Furthermore, this step is not a method of manufacturing a string.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 8, 12, 17, and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Feldman in view of Sperzel.

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Feldman discloses the use of a set of six strings for a musical string instrument comprising at least four strings having a color different than the color of the other of said strings in the set (see column 3 , lines 6-13), said strings being adapted to be mounted on the instrument to enable playing of the instrument by association of a colored note on a sheet of music to the colors of the said strings (see figures 1 and 4).

Feldman does not disclose the use of a string size different than the size of the other strings.

Sperzel discloses the use of a set of uncolored strings for a musical instrument with a string size different than the size of the other strings is well known in the art (column 3, lines 60-65).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the strings as disclosed by Feldman with the varying string size as disclosed by Sperzel in order to produce varying tones for the musical instrument.

3. Claims 9 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Feldman in view of Sperzel and Nilsson et al.

Feldman and Sperzel do not disclose the use of a core string wrapping to provide the color of the string.

Nilsson et al discloses the use of wires that are covered by color-coded binders and the covered by Mylar covering. Nilsson also discloses that strength yarns may also be wrapped around the wire (column 6, lines 21-31).

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It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the wire as disclosed by Feldman with the color as disclosed by Sperzel and the wrapping techniques as disclosed by Nilsson in order to provide a string with variable color coding.

3. Claims 1-6 are allowed.

4. Claim 7 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

5. Claims 10, 11, 15, and 16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry of a **general nature or relating to the status of this application or filed papers** should be directed to the **Group receptionist whose telephone number is (703) 308-0956**.

Papers related to this application may be submitted to Group 2800 by facsimile transmission. Papers should be faxed to Group 2800 via the PTO 2800 Fax Center located at Crystal Plaza 4. The faxing of such papers must conform with the notice published in the Official Gazette, 1096 O.G. 30 (November 15, 1989). The Group 2800 CP 4 Fax Center number is (703) 308-77(22 or 24). Fax numbers that provide an auto-reply fax receipt are: for before finals (703) 872-9318 and after finals (703) 872-9319.

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For assistance in **Pat nt procedure, fees or general Patent questions** calls should be directed to the **Patents Assistance Center (PAC)** whose **telephone number is 800-786-9199**. Assistance is also available on the Internet at www.uspto.gov.

For requesting **copies of Cited Art, Office Actions or the like, or General Problem solving**, calls should be directed to the **TC 2800 Customer Service Office whose telephone number is 703-306-3329 or by fax at 703-306-5515.**

Any inquiry concerning **this communication or earlier communications from the examiner** should be directed to **Kim Lockett whose telephone number is (703) 308-7615, after 2/3/04 my new number will be (571) 272-2067**. The examiner can normally be reached on Tuesday through Friday from 6:30 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Martin can be reached on (571) 272-2107.


KIMBERLY LOCKETT
PRIMARY EXAMINER